PHOENIX
Environmental Laboratories, Inc.

Tuesday, June 26, 2012

Attn: Mr. David Donofrio
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Project ID: DELL-4
Sample ID#s: BB99054 - BB99056

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

June 26, 2012

FOR: Attn: Mr. David Donofrio
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		06/14/12	10:14
Location Code:	LBG-PCB	Received by:	SW	06/15/12	14:02
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DELL-4				

Laboratory Data

SDG ID: GBB99054
Phoenix ID: BB99054

Project ID: DELL-4
Client ID: PS-1 1.75-2 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	88		%	06/15/12		JL	E160.3
Extraction for PCB	Completed			06/15/12		BB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	3.7	mg/Kg	06/19/12		AW	3540C/8082
PCB-1221	ND	3.7	mg/Kg	06/19/12		AW	3540C/8082
PCB-1232	ND	3.7	mg/Kg	06/19/12		AW	3540C/8082
PCB-1242	ND	3.7	mg/Kg	06/19/12		AW	3540C/8082
PCB-1248	*	3.7	mg/Kg	06/19/12		AW	3540C/8082
PCB-1254	*	3.7	mg/Kg	06/19/12		AW	3540C/8082
PCB-1260	ND	3.7	mg/Kg	06/19/12		AW	3540C/8082
PCB-1262	ND	3.7	mg/Kg	06/19/12		AW	3540C/8082
PCB-1268	ND	3.7	mg/Kg	06/19/12		AW	3540C/8082
Total PCBs	24	3.7	mg/Kg	06/19/12		AW	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	06/19/12		AW	30 - 150 %
% TCMX	Diluted Out		%	06/19/12		AW	30 - 150 %

Project ID: DELL-4
Client ID: PS-1 1.75-2 FT

Phoenix I.D.: BB99054

Parameter	Result	RL	Units	Date	Time	By	Reference

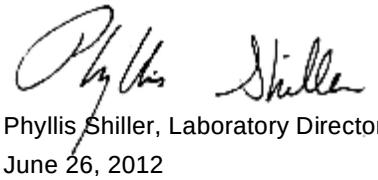
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.



Phyllis Shiller, Laboratory Director

June 26, 2012

Reviewed and Released by: Bobbi Aloisa, Vice President

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Analysis Report

June 26, 2012

FOR: Attn: Mr. David Donofrio
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		06/14/12	10:16
Location Code:	LBG-PCB	Received by:	SW	06/15/12	14:02
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DELL-4				

Laboratory Data

SDG ID: GBB99054
Phoenix ID: BB99055

Project ID: DELL-4
Client ID: PS-2 1.75-2 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	83		%	06/15/12		JL	E160.3
Extraction for PCB	Completed			06/15/12		BB/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.39	mg/Kg	06/25/12		AW	3540C/8082
PCB-1221	ND	0.39	mg/Kg	06/25/12		AW	3540C/8082
PCB-1232	ND	0.39	mg/Kg	06/25/12		AW	3540C/8082
PCB-1242	ND	0.39	mg/Kg	06/25/12		AW	3540C/8082
PCB-1248	*	0.39	mg/Kg	06/25/12		AW	3540C/8082
PCB-1254	*	0.39	mg/Kg	06/25/12		AW	3540C/8082
PCB-1260	ND	0.39	mg/Kg	06/25/12		AW	3540C/8082
PCB-1262	ND	0.39	mg/Kg	06/25/12		AW	3540C/8082
PCB-1268	ND	0.39	mg/Kg	06/25/12		AW	3540C/8082
Total PCBs	4.7	0.39	mg/Kg	06/25/12		AW	3540C/8082
QA/QC Surrogates							
% DCBP	108		%	06/25/12		AW	30 - 150 %
% TCMX	74		%	06/25/12		AW	30 - 150 %

Project ID: DELL-4
Client ID: PS-2 1.75-2 FT

Phoenix I.D.: BB99055

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

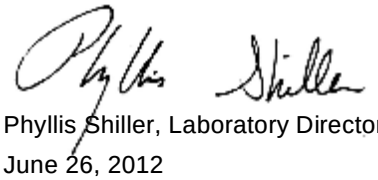
* For PCBs, in order to reach the desired RL, multiple cleanup steps were performed. The extract was cleaned up with a combination of sulfuric acid, potassium permanganate, copper powder and additional florisil.

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.



Phyllis Shiller, Laboratory Director
June 26, 2012
Reviewed and Released by: Bobbi Aloisa, Vice President

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Analysis Report

June 26, 2012

FOR: Attn: Mr. David Donofrio
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		06/14/12	8:45
Location Code:	LBG-PCB	Received by:	SW	06/15/12	14:02
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DELL-4				

Laboratory Data

SDG ID: GBB99054
Phoenix ID: BB99056

Project ID: DELL-4
Client ID: B-52A 0.25-0.5 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	93		%	06/15/12		JL	E160.3
Extraction of CT ETPH	Completed			06/15/12		JS/F	3545
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	06/16/12		JRB	CT ETPH/8015
Identification	ND		mg/Kg	06/16/12		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	72		%	06/16/12		JRB	50 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

Phyllis Shiller, Laboratory Director
June 26, 2012
Reviewed and Released by: Bobbi Aloisa, Vice President

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QA/QC Report

June 26, 2012

QA/QC Data

SDG I.D.: GBB99054

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 202815, QC Sample No: BB98971 (BB99056)									
TPH by GC (Extractable Products) - Soil									
Ext. Petroleum HC	ND	92	74	21.7	73	81	10.4	50 - 150	30
% n-Pentacosane	73	89	70	23.9	75	75	0.0	50 - 150	30
QA/QC Batch 202827, QC Sample No: BB99043 (BB99054, BB99055)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	102	102	0.0				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	83	85	2.4				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	76	73	74	1.4				30 - 150	30
% TCMX (Surrogate Rec)	99	90	95	5.4				30 - 150	30

Comment:

The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
June 26, 2012

Sample Criteria Exceedences Report

Requested Criteria: None

GBB99054

SampNo	LocCode	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** LBG-PCB

Project Location: DELL-4 **Project Number:**

Laboratory Sample ID(s): BB99054, BB99055, BB99056

Sampling Date(s): 6/14/2012

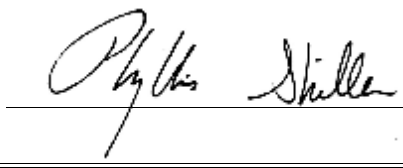
RCP Methods Used:

☐ 1311/1312	☐ 6010	☐ 7000	☐ 7196	☐ 7470/7471	☐ 8081	☐ EPH	☐ TO15
☑ 8082	☐ 8151	☐ 8260	☐ 8270	☑ ETPH	☐ 9010/9012	☐ VPH	

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes ☐ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5b.	Were these reporting limits met?	☐ Yes ☐ No ☑ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No ☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☐ Yes ☑ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowlegde and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: 

Date: Tuesday, June 26, 2012

Printed Name: Phyllis Shiller

Position: Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

June 26, 2012

SDG I.D.: GBB99054

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-fid1 06/16/12-1 (BB99056)

Initial Calibration (FID1 - ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: None

Printed Name Jeff Bucko
Position: Chemist
Date: 6/16/2012

QC (Batch Specific)

---------- Sample No: BB98971, QA/QC Batch: 202815 ----------

All LCS recoveries were within 50 - 150 with the following exceptions: None.

All LCSD recoveries were within 50 - 150 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd8 06/22/12-1 (BB99055)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 6/22/2012

QC Comments: QC Batch 02827 06/15/12 (BB99054, BB99055)

The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

June 26, 2012

SDG I.D.: GBB99054

QC (Batch Specific)

---------- Sample No: BB99043, QA/QC Batch: 202827 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

owl1p

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6° Pg 1 of 1

Data Delivery:
☐ Fax #:
☐ Email:

Customer: LBG
Address: 6 Executive Drive Suite 109
Farmington, CT 06032

Project: Dell-4
Report to: ddonofrio@lbgct.com
Invoice to: David J. DiNofrio

Project P.O: Dell-4
Phone #: (860) 678-0401
Fax #: (860) 678-0406

Sampler's Signature:

Date: 6/14/12

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
SE=Sediment **SL**=Sludge **S**=Soil/Solid **W**=Wipe **O**=Other

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request: PCB's (Soxhlet)	CT ETPH	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (4) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
99054	PS-1 1.75-2'	Soil	6/14/12	1014	X			1								
99055	PS-2 1.75-2'	↓	↓	1016	X			1								
99056	B-52A 0.25-0.5'			845		X		2								

Relinquished by:

Accepted by:

Date:	Time:
6/15/12	1320
6/15/12	14:02

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☐ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other
* SURCHARGE APPLIES